

TRANSPORTATION CHOICES



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U.S. EPA Hawaii Sustainability Coordinator

Hawaii Build & Buy Green Conference

May 10, 2013

TRANSPORTATION CHOICES OVERVIEW

- ✖ Federal grants & regulations are driving vehicle efficiency
- ✖ HUD-DOT-EPA sustainable communities partnership and livability principals encourage more transportation choices
- ✖ Transportation accounts for $\geq 50\%$ of Hawaii's energy consumption
- ✖ Multi-modal transportation builds healthy communities, saves energy, and reduces our dependence on imported fossil fuels
- ✖ RISE Sustainability Interns can assist you





WEST COAST COLLABORATIVE

A public-private partnership to reduce diesel emissions

\$9 Million Funding Opportunity for Diesel Emission Reduction Projects

Activity	Date
Request for Proposals RFP	Thursday, May 9, 2013
Deadline for Applications	Tuesday, June 25, 2013
Notification of Selected Applicants	July/August 2013
Funding of Awards	September/October 2013



www.westcoastcollaborative.org

www.epa.gov/diesel

DIESEL EMISSIONS REDUCTION ACT (DERA)



OBAMA ADMINISTRATION Fuel Economy Standards

In the year 2025

The fleet-wide average will be



Consumers will have saved
\$1.7 TRILLION
at the pump over the
life of the program.



A family that purchases a new
vehicle in 2025 will save

\$8,200

in fuel costs when compared with
a similar vehicle in 2010.

Over the life of the program, the standards will:

Save **12** billion
barrels
of oil.



Eliminate **6** billion
metric
tons
of carbon dioxide pollution.



This program, together with standards already put into place by this
administration for Model Years 2011-2016, will result in significant
cost savings for consumers at the pump, dramatically reduce oil
consumption, cut pollution and create jobs.



Smartphone
QR Code



WHITEHOUSE.GOV

By working together, [HUD, DOT, and EPA] can make sure that when it comes to development—housing, transportation, energy efficiency—these things aren't mutually exclusive; they go hand in hand. And that means making sure that affordable housing exists in close proximity to jobs and transportation. That means encouraging shorter travel times and lower travel costs. It means safer, greener, more livable communities.

—President Barack Obama



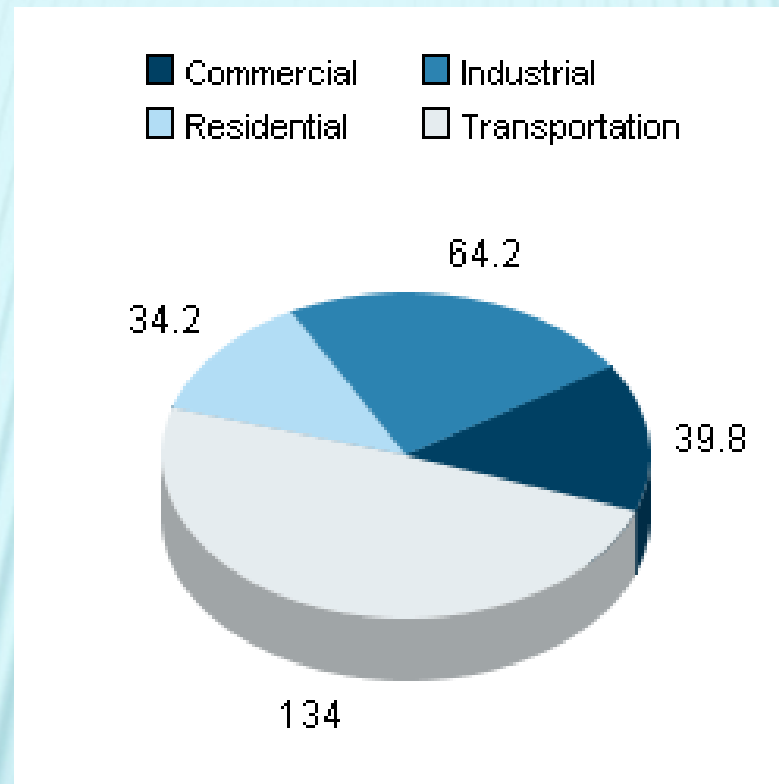
Livability Principles:

- ✖ Provide more transportation choices
- ✖ Promote equitable, affordable housing
- ✖ Enhance economic competitiveness
- ✖ Support existing communities
- ✖ Coordinate and leverage federal policies and investment
- ✖ Value communities and neighborhoods



TRANSPORTATION ACCOUNTS FOR $\geq 50\%$ OF HAWAII'S ENERGY CONSUMPTION

Hawaii Energy Consumption by End-Use Sector
(trillion btu)



Source: U.S. Energy Information Administration, 2010

HAWAII CLEAN ENERGY INITIATIVE (HCEI) - TRANSPORTATION

- ✖ Electric Vehicles
- ✖ Vehicle Efficiency
- ✖ Fuels
- ✖ Vehicle Miles Traveled (VMT) reductions



EPA Region 9's Role:

We are working with state and local partners to support VMT reductions and encourage multimodal transportation.





Multi-Modal Transportation

Builds Healthy Communities, Saves Energy, and Reduces our Dependence on Imported Oil



WE ARE WORKING WITH OUR STATE & LOCAL PARTNERS TO ENCOURAGE:

- ✖ Planning/construction of key bicycle lanes and bringing bike share to Honolulu
- ✖ Sustainable transit and multimodal stations
- ✖ Policies that promote transportation options & save everyone money



o'ahu bike plan

a bicycle master plan

August 2012



Department of Transportation Services
City & County of Honolulu



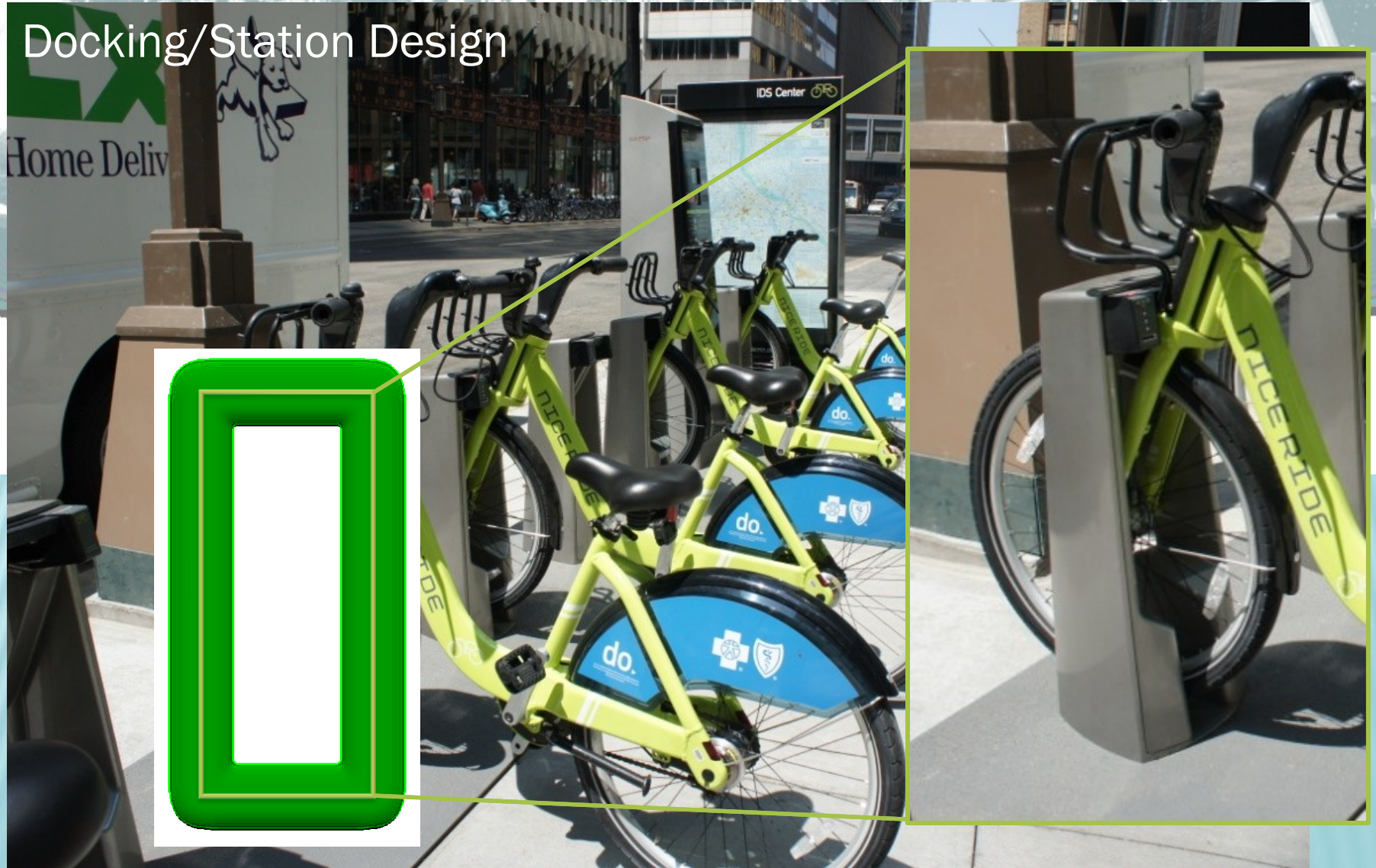
BIKE SHARE

- ✖ Supports multi-modal transportation system and helps reduce VMT
- ✖ Make it easy for everyone to use a bikes for short, urban trips
- ✖ Enhance urban vitality
- ✖ Tourist amenity
- ✖ Is a win-win-win for government, business, and the public
- ✖ Makes the connection between active transportation and health



THE INTERFACE

Docking/Station Design

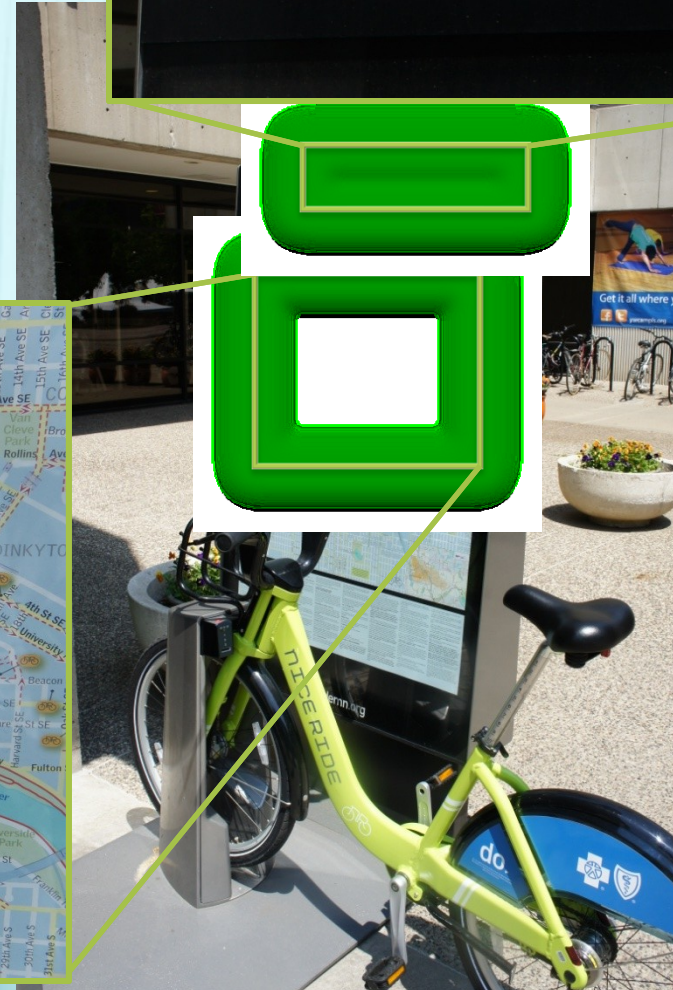


The Interface



The Interface

- ✖ Clear Wayfinding and Branding
- ✖ Maps and user Information





R.I.S.E.

REWARDING INTERNSHIPS FOR **SUSTAINABLE** EMPLOYMENT



KUPU
LEARN • SERVE • RESTORE



STATE OF HAWAII • DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM



UNIVERSITY of Hawai'i
**COMMUNITY
COLLEGES**



Hawai'i's Clean Transportation Future



ENERGY
INDUSTRIES



TRANSPORTATION CHOICES RECAP

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Thank you!



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